STANDARD ST.92

RECOMMENDATIONS ON THE DATA PACKAGE FORMAT FOR THE ELECTRONIC EXCHANGE OF PRIORITY DOCUMENTS

Version 1.0

*~~Adopted~~ Revision approved by the Committee on WIPO Standards (CWS)
at its ~~twelfth~~ thirteenth session on ~~September~~ November 14, 2025~~4~~*

*~~Editorial Note prepared by the International Bureau:
Recommendations on trademark and industrial design priority document exchange will be covered in a future update to this Standard.~~*

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at its ~~twelfth~~ thirteenth session on ~~September~~ November 14~~9~~, 2025~~4~~*

INTRODUCTION

1. This Standard defines the data package format for the electronic exchange of priority documents. It is recommended that Intellectual Property Offices (IPOs) furnish any data package of priority documents compliant with this Standard and accept the priority documents which are furnished by another IPO according to this Standard. Article 4D(3) of the Paris Convention for the Protection of Industrial Property allows countries of the Union to require any person making a declaration of priority to produce a copy of the industrial property application previously filed, certified as correct by the authority which received such application. Article 4D(3) further provides that countries of the Paris Union may require that the copy of the application be accompanied by a certificate from the same authority showing the date of filing.

2. The agreed understanding by the Assemblies of the Paris Union and the Patent Cooperation Treaty (PCT) Union in 2004[1] indicates that it is for the competent authority furnishing the priority document to determine what constitutes certification of a priority document and the date of filing, and how it will certify such a document. At the same time, there is a need to ensure that an IPO that receives electronically furnished priority documents can read and use those documents efficiently.

3. The purpose of this Standard is to allow for the efficient and standardized exchange of priority documents and other relevant documents. This Standard is to support machine-to-machine communication of these priority documents and enable further automated processing of those documents. This Standard is also to improve processing of documents by exchanging structured text formats such as application body, bibliographic data, and other content based on WIPO Standards. For example, for patents, sequence listings in XML format of WIPO Standard ST.26~~, and application body and bibliographic data in the formats of WIPO Standards ST.36, ST.96~~ may be included, for industrial designs, 3D files may be included, for trademarks, sound mark or ~~ST.97~~multimedia mark files may be included.

SCOPE OF THE STANDARD

4. This Standard guides IPOs on how to package priority document data ~~related~~for patents, industrial designs, and trademarks, to ~~a patent application, ready for~~ facilitate exchange ~~preferably~~ using machine-to-machine communication. The Standard is neutral in reference to the transmission mode used for exchange, rather it defines the type of data and file formats to be included in the package, the structure of this package and naming conventions. It should be noted that additional accompanying files might be necessary to support the transmission of the priority document data package, which are considered outside the scope of this Standard.

DEFINITIONS AND TERMINOLOGY

5. For the purpose of this Standard, the expression:

- “priority document” means a copy of a previously filed patent, industrial design, or trademark application, to which priority is claimed, certified as correct by the authority in which the application was filed, and including a certificate from that authority that shows the date of filing. The certification page may be provided as a separate PDF;
- “certification page” means the certification issued by the authority and shows the date of filing;
- “patent” includes such industrial property rights as patents for inventions, plant patents, design patents, inventor's certificates, utility certificates, utility models, patents of addition, inventor's certificates of addition and utility certificates of addition;

[1] See paragraph 9 of document A/40/6

- "industrial design" includes two-dimensional and three-dimensional features of shape and surface of objects, and thus covers both concepts of "designs" and "models" where a distinction is made between the former and the latter; the term "industrial designs" does not include design patents;
- "trademark" includes trademark, service mark or another type of distinguishing representation of mark according to the definition of the mark in the legislation concerned, including but not limited to collective marks, certification marks or guarantee marks;
- "providing Office" means the authority that issued the priority document;
- "recipient Office" means the office of second filing or office of subsequent filing;
- "schema" means XML Schema Definition (XSD) as defined in Annex I of this Standard; and
- "ZIP" means an archived file format specified in ISO/IEC 213201:2015, and a ZIP file may contain one or more files or directories that may have been compressed.

6. For the purpose of this Standard, the word(s):

- "may" refers to an optional or permissible approach, but not a requirement;
- "must" refers to a requirement of the Standard; disregard of the requirement will result in noncompliance;
- "must not" refers to a prohibition of the Standard;
- "should" refers to a strongly encouraged approach, but not a requirement; and
- "should not" refers to a strongly discouraged approach, but not a prohibition.

7. The following notations are used throughout this document:

- <>: Indicates a placeholder descriptive term that, in implementation, will be replaced with a specific instance value;
- " ": Indicates that the text included in quotes must be used verbatim in implementation;
- { }: Indicates that the items are optional in implementation; and
- `Courier font`: Indicates filenames, folder names, XML keywords, XML tag names and XML codes.

REFERENCES

8. References to the following Standards and resources are of relevance to this Standard:

WIPO Standard ST.2	Standard manner for designating calendar dates by using Gregorian calendar;
WIPO Standard ST.3	Two-letter codes for the representation of states, other entities and intergovernmental organizations;
WIPO Standard ST.25	Presentation of nucleotide and amino acid sequence listings;
WIPO Standard ST.26	Presentation of nucleotide and amino acid sequence listings using XML (eXtensible Markup Language);
WIPO Standard ST.36	Processing of Patent documents using XML (eXtensible Markup Language);
WIPO Standard ST.67	Electronic management of the figurative elements of trademarks;
WIPO Standard ST.68	Electronic management of sound marks;
WIPO Standard ST.69	Electronic management of motion and multimedia marks;
WIPO Standard ST.88	Electronic representation of industrial designs;
WIPO Standard ST.91	Recommendations on digital three-dimensional (3D) models and 3D images;
WIPO Standard ST.96	Processing of intellectual property information using XML (eXtensible Markup Language);
WIPO Standard ST.97	Processing of intellectual property data using JSON;

ISO Standard ISO/EIC 21320-1:2015	Information Technology - Document Container File (ref: File zipping); and
ISO Standard ISO/EIC 10118-1:2016	Hash functions (ref: File hashing).
ISO Standard ISO/EIC 10118-3:2018	IT Security techniques — Hash-functions
ISO Standard ISO/IEC 27001:2022	Information security, cybersecurity and privacy protection — Information security management systems — Requirements

REQUIREMENTS OF THE PRIORITY DOCUMENT DATA PACKAGE

9. The Priority Document Data Package (hereafter referred to as PDDP) must be compressed into as a single ZIP file, hereafter referred to as PDDP ZIP file. The PDDP ZIP file must be able to be decompressed by commonly used software for example WinZip®[2], 7-Zip[3], or Unix/Linux Zip; deflation with normal compression option and must not be password protected or encrypted.

10. All artifacts for priority document exchange purposes should be included in this PDDP ZIP file. The providing Office determines the contents to be included in the PDDP ZIP file according to international, regional, or national laws.

11. The PDDP ZIP file consists of:

- The PDDP Index file in XML format (hereafter referred to as the PDDP Index file) PriorityDocumentIndex.xml, which describes the content of the data package;
- The `MandatoryArtifacts` folder containing the Priority Document PDF file and other mandatory documents, as defined in the "`MandatoryArtifacts Folder`" section, including ~~the~~ a sequence listing file, 3D files, MP3 files or MP4 files where appropriate; and
- The `SupplementaryArtifacts` folder which contains optional files, as defined in the "`SupplementaryArtifacts Folder`" section: this folder should not exist if empty.

12. When the providing Office provides the PDDP ZIP file to an applicant, to ensure the integrity and non-repudiation of the PDDP ZIP file, a cryptographic hash of the PDDP ZIP file may be used. Annex III outlines one example of hashing of the PDDP ZIP file.

Data Package Structure

PDDP Index File

13. The PDDP must contain the PDDP Index file in XML format ~~-~~which must identify all documents included in the PDDP including any externally referenced files so that recipient Offices can determine the contents of the data package. In other words, the purpose of the PDDP index file is to have a manifest of what is included in the PDDP. ~~-~~The PDDP Index file must specify the providing Office, the application number, application filing date, and the type of IP right for the priority document which for patents must be ~~patent~~"Patent", industrial designs must be "Industrial design", and trademarks must be "Trademark".

14. The PDDP Index file must comply with the XML schema (XSD) provided as Annex I of this Standard. A fictitious sample PDDP Index XML file for patents, industrial designs and trademarks are ~~is~~ provided in Appendixes A, B and C to Annex I of this Standard, respectively. The examples provided in this Standard are fictitious and provided solely for guidance.

15. The PDDP Index XML schema has a root element `PriorityDocumentIndex`. The element `PriorityDocumentBag` references the single Priority Document PDF file and other documents which are placed in the `MandatoryArtifacts` folder. The element `SupplementaryDocumentBag` references other relevant documents if provided in the `SupplementaryArtifacts` folder. The `DocumentDate` element for the `PriorityDocument` element represents the date of creation of the Priority Document PDF file.

MandatoryArtifacts Folder

16. The `MandatoryArtifacts` folder contains the Priority Document PDF file, whose contents are the responsibility of the providing Office. If all of the necessary fonts cannot be embedded in a text-based PDF, then the PDF file should be image-based. The file need not be digitally signed for the purpose of inter-office exchange but if signed, it should be in compliance with a recognized industry standard. The `MandatoryArtifacts` folder must also contain the other mandatory artifacts, as applicable.

17. The `MandatoryArtifacts` folder must include the certification page. This may be included as part of the Priority Document PDF or alternatively as a separate PDF. ~~In addition, the Priority Document PDF for a~~

~~[2] https://www.winzip.com/en/~~
~~[3] https://www.7-zip.org/~~

Patent Priority Document

18. A patent ~~application~~priority document typically includes the description, claims, abstract and drawings of the application. If a sequence listing file was included in the application, the `MandatoryArtifacts` folder must also contain this file, and it must be provided in the WIPO Standard ST.26, ST.25 or ST.23 format[4] as originally submitted by the applicant. The content of the sequence listing should not be rendered into PDF format. If it is rendered, it should be included in the Priority Document PDF file, and the original version must also be provided in the `MandatoryArtifacts` folder. The sequence listing file may be zipped.

For example, the contents of a `MandatoryArtifacts` folder, containing a priority document with a sequence listing is as follows:

- `US_59111111_20220719_PriorityDocument_000497.pdf` (The patent priority document includes the certification page, the description, claims, abstract and drawings of the application.);
- `US_59111111_20220719_SequenceListing_ST26.xml`; or
- `US_59111111_20220719_SequenceListing_ST26.zip`.

In contrast, this example shows the MandatoryArtifacts folder having the certification page provided separately in PDF format as follows:

- `US_59111111_20220719_CertificationPage_000497.pdf`;
- `US_59111111_20220719_PriorityDocument_000497.pdf` (The patent priority document will typically include the description, claims, abstract and drawings of the application~~.~~);
- `US_59111111_20220719_SequenceListing_ST26.xml`; or
- `US_59111111_20220719_SequenceListing_ST26.zip`.

Industrial Design Priority Document

19. An industrial design priority document typically includes bibliographic data, designs, reproductions, product indications, and descriptions. The priority document may include one, some, or all designs held within an application. If a representation file was included in the application, the `MandatoryArtifacts` folder must also contain this file, and it must be provided in the WIPO Standard ST.88 or ST.91 format as originally submitted by the applicant. The content of the representation file should be rendered in the priority document PDF file if possible and the original version must also be provided in the `MandatoryArtifacts` folder. The representation file may be zipped.

Example which has some or all designs within the application

For example, the contents of a `MandatoryArtifacts` folder, containing a priority document is as follows:

- `EM_015065203_20250101_PriorityDocument.pdf` (The industrial design priority document typically includes bibliographic data, designs, reproductions, product indications, and descriptions)

Example which has some or all designs within the application with a separate certification page

In contrast, this example shows the `MandatoryArtifacts` folder having the certification page provided separately in PDF format as follows:

- `EM_015065203_20250101_CertificationPage.pdf`;

[4] All patent applications filed on or after July 1, 2022 disclosing amino acid and nucleotide sequences must contain an ST.26 XML compliant sequence listing. Any sequence listing furnished in respect of any applications filed before that date should still comply with the applicable WIPO Standards.

- EM_015065203_20250101_PriorityDocument.pdf (The industrial design priority document typically includes bibliographic data, designs, reproductions, product indications, and descriptions)

Example which has one but not all designs within the application and design indicator

For example, the contents of a MandatoryArtifacts folder, containing a priority document is as follows:

- EM_015065203-0001_20250101_PriorityDocument.pdf (The industrial design priority document typically includes bibliographic data, designs, reproductions, product indications, and descriptions)

Example which has one but not all designs within the application with a separate certification page and design indicator

In contrast, this example shows the MandatoryArtifacts folder having the certification page provided separately in PDF format as follows:

- EM_015065203-0001_20250101_CertificationPage.pdf;
- EM_015065203-0001_20250101_PriorityDocument.pdf (The industrial design priority document typically includes bibliographic data, designs, reproductions, product indications, and descriptions)

Trademark Priority Document

20. A trademark priority document typically includes bibliographic data and trademark representations. If a representation file was included in the application, the MandatoryArtifacts folder must also contain this file, and it must be provided in the WIPO Standard ST.67, ST.68, ST.69 or ST.91 format as originally submitted by the applicant. The content of the representation file should be rendered in the priority document PDF file if possible and the original version must also be provided in the MandatoryArtifacts folder. The representation file may be zipped.

For example, the contents of a MandatoryArtifacts folder, containing a priority document is as follows:

- EM_018975509_20221201_PriorityDocument.pdf (The trademark priority document typically includes the certification page, bibliographic data, trademark representations in two-dimensional (2D) format, and links to media files which cannot be represented in the PDF (e.g., 3D files, MP3/MP4 files)

In contrast, this example shows the MandatoryArtifacts folder with the certification page provided separately as follows:

- EM_018975509_20221201_CertificationPage.pdf;
- EM_018975509_20221201_PriorityDocument.pdf (The trademark priority document typically includes bibliographic data, trademark representations (2D), and links to media files which cannot be represented in the PDF (e.g., 3D files, MP3/MP4 files)

SupplementaryArtifacts Folder

21. The SupplementaryArtifacts folder allows the providing Office to ~~provide other~~ include optional documents, which may be beneficial to the recipient Office. ~~For the patent priority~~The optional documents, ~~these~~ may include additional documents ~~versions of the bibliographic or classification data or else all or part of the application body~~ in ~~an~~ alternative ~~format~~formats to the PDF supplied in the MandatoryArtifacts folder. ~~The alternative formats may be the documents exactly as they were filed, or else a full text version of the document prepared administratively by the providing Office.~~ The recipient Office may choose to process or archive the contents of this folder at its discretion.

22. ~~19.~~ While there is no restriction on permitted file formats for the documents in this folder, permitted document types must be defined as one of the following:

Patent documents:

- Bibliographic data: Bibliographic information included on the first page of a patent document. Contains document identification, domestic filing data, foreign priority data, public availability dates or term of protection, technical information, related patent or application information;
- Classification data: The collection of various classification data which arranges the application according to technology area;
- Sequence listing: Part of the description of the patent application as filed or a document filed subsequently to the application, which includes the disclosed nucleotide and/or amino acid sequence(s), along with any further description, in WIPO ST.23, ST.25 or ST.26 formats;
- Abstract: Part of the patent application that consists of a concise summary of the disclosure as contained in the description, the claims and any drawings;
- Description: Description of the invention in a manner sufficiently clear and complete for it to be carried out by a person skilled in the art;
- Claims: Collection of claims;
- Drawings: Drawing is the part of a patent application which illustrates the invention and which is required when it is necessary for the understanding of the invention;
- Application body: A document containing the abstract, description, claims and drawings; and
- Pre-conversion document: A document provided by the applicant in some systems including PCT, normally being a full text format document from which the official filing was created.

Industrial design documents:

- Bibliographic data: Bibliographic data of the industrial design;
- Registration certificate: Copy of registered industrial design or registration certificate;
- Industrial design representation: Representation of industrial design, which can be produced in 2D images, 3D images or 3D models, multimedia, or other formats accepted by the Office. If these files are not part of the Priority Document Data Package (PDDP) ZIP file, links to the published files can be provided;
- Intermediate documents: Other important documents relating to the industrial design priority document including amendments or notification of change of applicant name; and
- Classification data: Locarno classification data which the industrial design has been registered in.

Trademark documents:

- Bibliographic data: Bibliographic data including the applicant or owner of the trademark;
- Registration certificate: Copy of registered trademark or registration certificate;
- Trademark representation: Representation of trademark, which can be produced in 2D images, 3D images or 3D models, multimedia, or other formats accepted by the Office. If these files are not part of the Priority Document Data Package (PDDP) ZIP file, links to the published files can be provided;
- Intermediate documents: Other documents relating to the trademark priority document including amendments or notification of change of applicant name; and
- Classification data: Classification data of the trademark.

23. ~~20.~~ Subfolders or zip files may be added to hold the document and its referenced files to avoid file naming conflicts. When subfolders are used, the name of the document should be used for the folder name.

For example, the subfolder name below is `US_59111111_20220719_Description` and the name of the main document is `US_59111111_20220719_Description.xml`:

```
/US_59111111_20220719_Description
       US_59111111_20220719_Description.xml
       US_59111111_20220719_Description_0001.tif
       US_59111111_20220719_Description_0002.tif
```

Naming Conventions and Document Identification

24. ~~21.~~ To ensure that the PDDP can be processed effectively by IPOs irrespective of their degree of automation of processing, the name of the files in the `MandatoryArtifacts` folder must follow a uniform naming convention and ~~are~~be properly described in the PDDP Index file. ~~These files include the PDDP ZIP file itself, the Priority Document PDF file, the PDDP Index file, and sequence listing file if applicable.~~ External files referenced by XML documents (e.g., image files, Mathematica®[5] notebook files, chemical structure files, media files, etc.) do not need to follow these naming conventions, and are outside the scope of this Standard.

25. ~~22.~~ The characters used in the file and folder names must belong to the following set: “a-z, A-Z, 0-9”, underscore “_”, hyphen “-”, and period “.”, where the underscore must only be used as a term separator and the period only to separate the file extension.

26. ~~23.~~ The filename of the PDDP Index file must always be named: “`PriorityDocumentIndex.xml`”.

27. ~~24.~~ The filename of the PDDP ZIP file must be in the format of:

`<IP right type>”_”<providing Office ST.3 code>”_”<application number~~>”_”<~~>{”-”<optional design identifier>}”_”<the filing date[6]>”.zip”.`

~~For~~Patent example: `Patent_US_59111111_20220719.zip` would be the filename provided for the patent priority document furnished by the United States Patent and Trademark Office ~~(USPTO)~~ for the patent application, which was filed on July 19, 2022 with an application number of 59111111.

~~For~~Patent PCT example: Patent_GB_PCTGB2023000123_20230114.zip would be the filename provided for the priority document furnished by the United Kingdom Intellectual Property Office for the international application, which was filed on January 14, 2023 with an application number of PCT/GB2023/000123.

Industrial design with some or all designs example: `Design_EM_015065203_20250101.zip` would be the filename provided for the priority document furnished by the European Union Intellectual Property Office for the application which was filed with an application number of 015065203.

Industrial design with a single design example: Design_EM_015065203-0001_20250101.zip would be the filename provided for the priority document furnished by the European Union Intellectual Property Office for the application which was filed with an application number of 015065203 design identifier 0001.

Trademark example: `Trademark_EM_018975509_20221201.zip` would be the filename provided for the priority document furnished by the European Union Intellectual Property Office for the international application which was filed with an application number of 018975509.

28. ~~25.~~ The filename for the Priority Document PDF file must be in the format of:
`<providing Office ST.3 Code>”_”<application number~~>”_”<~~>{”-”<optional design identifier>}”_”<filing date[6]>”_”PriorityDocument”{”_”<an optional unique identifier for a patent, an industrial design, or a trademark application>}.pdf.`

~~For~~Patent example: `US_59111111_20220719_PriorityDocument_000497.pdf` for a priority document which is furnished by United States Patent and Trademark Office ~~USPTO~~ as the providing Office, where the application number ~~of which~~ is 59111111 ~~which was~~and filed on July 19, 2022.

~~[5] https://www.wolfram.com/mathematica/~~

[6] The date should be in the format of CCYYMMDD according to WIPO Standard ST.2

Industrial design with some or all or fewer than all designs example: EM_015065203_20250101_PriorityDocument.pdf for a priority document which is furnished by the European Union Intellectual Property Office, where the application number is 015065203 and filed on January 1, 2025.

Industrial design with a single design example: EM_015065203-0001_20250101_PriorityDocument.pdf for a priority document which is furnished by European Union Intellectual Property Office, where the application number is 015065203 and filed on January 1, 2025.

Trademark example: EM_018975509_20221201_PriorityDocument.pdf for a priority document which is furnished by the European Union Intellectual Property Office, where the application number is 018975509 and filed on December 1, 2022.

29. ~~26.~~ The filename for the certification page PDF file, in the case that it is provided separately, must be in the format of: <providing Office ST.3 Code>"_"<application number>"_"<>{"-"<optional design identifier>}"_"<filing date[6]>"_"CertificationPage"{"_"<an optional unique identifier for a patent, industrial design, or trademark application>}.pdf.

~~For~~Patent example: US_59111111_20220719_CertificationPage_000497.pdf for a certification page which is furnished by United States Patent and Trademark Office ~~USPTO~~ as the providing Office, where the application number ~~of which~~ is 59111111 ~~which was~~and filed on July 19, 2022.

Industrial design example: EM_015065203_20250101_CertificationPage.pdf for a certification page which is furnished by European Union Intellectual Property Office, where the application number is 015065203 and filed on January 1, 2025.

Trademark example: EM_018975509_20221201_CertificationPage.pdf for a certification page which is furnished by European Union Intellectual Property Office, where the application number is 018975509 and filed on December 1, 2022.

30. ~~27.~~ For files relating to documents located within the SupplementaryArtifacts folder, the file name convention proposed below should be followed, at the discretion of the providing Office:
<providing Office ST.3 Code>"_"<application number>"_"<>{"-"<optional design identifier>}"_"<filing date[6]>"_"<category of document>{"_"<unique identifier – optional unless there are several documents of the same category>}.<file extension>

The "category of document" indicates the type of artifact which is a part of the application or related data of the application and should be in upper camel case naming convention of the English language document types indicated in the SupplementaryArtifacts folder section. For example, for a patent application, this artifact may be "ApplicationBody", "ClassificationData" or "BibliographicData".

It is not mandatory to rename documents within the SupplementaryArtifacts folder to comply with the naming conventions.

~~For~~Patent example: US_59111111_20220719_BibliographicData.xml for bibliographic data in XML concerning the application ~~of~~number, 59111111 which was filed on July 19, 2022 and provided by the USPTO.

For example, for an industrial design application, this artifact may be "RegistrationCertificate".

Industrial design example: EM_015065203_20250101_RegistrationCertificate.pdf for a registered design concerning the application number, 015065203 which was filed on January 1, 2025.

For example, for a trademark application, this artifact may be "TrademarkRepresentation".

Trademark example: EM_018975509_20221201_TrademarkRepresentation.jpg for a trademark representation JPG file concerning the application number, 018975509 which was filed on December 1, 2022.

31. ~~28.~~ Where a ~~patent~~ priority document in either the `MandatoryArtifacts` or `SupplementaryArtifacts` folder consists of the exact file or files submitted by the applicant at the time of filing ~~for the application body, description, claims, drawings, abstract or sequence listing~~, the `DocumentAsFiledIndicator` element should be set to true in the PDDP Index file. The value of this element must not be changed as a result of the document being zipped or unzipped or having its file name changed by the providing Office compared to what was submitted. The element should not be set to true for other files, such as scans of applications filed on paper or PDFs with modified contents, even if this ~~should~~may not have changed the visual representation of the document~~, such as removal of metadata~~.

[Annex I follows]

ANNEX I

XML SCHEMA DEFINITION (XSD) FOR PRIORITY DOCUMENT INDEX XML FILES

Version 1.2.0

~~Adopted~~ Revision approved by the Committee on WIPO Standards (CWS)
at its ~~twelfth~~ thirteenth session on ~~September~~ November 14, 2025~~4~~

Editorial note prepared by the International Bureau:
The full set of referenced schemas is available at:
https://www.wipo.int/standards/XMLSchema/ST92/V2_0/ST92PDDPIndex_V2_0.zip

Annex I is the set of XML schema components to represent the minimum and extended data elements of a ~~Patent~~ Priority Document Data Package (PDDP) Index file furnished by an Intellectual Property Office (IPO). It is based on WIPO Standard ST.96, version ~~7.1~~9.0, including the naming conventions used to identify the names of the specific data components for Priority Document Exchange. The XML schema for the PDDP Index file is also available at:
~~https://www.wipo.int/standards/en/xml_material/st92/ST92PDDPIndex_V1_0.xsd~~
https://www.wipo.int/standards/XMLSchema/ST92/V2_0/ST92PDDPIndex_V2_0.xsd

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:pde="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common"
xmlns:dgn="http://www.wipo.int/standards/XMLSchema/ST96/Design"
xmlns:tmk="http://www.wipo.int/standards/XMLSchema/ST96/Trademark"
targetNamespace="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange"
elementFormDefault="qualified" attributeFormDefault="qualified" version="~~V1~~V2_0">
       <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="ST96_Common_~~V7_1~~V9_0.xsd"/>
<xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Design"
schemaLocation="ST96_Design_V9_0.xsd"/>
<xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Trademark"
schemaLocation="ST96_Trademark_V9_0.xsd"/>
       <xsd:element name="PriorityDocumentIndex" type="pde:PriorityDocumentIndexType">
              <xsd:annotation>
~~<xsd:documentation>Index file for priority document exchange</xsd:documentation>~~
              <xsd:appinfo>
              <com:SchemaLastModifiedDate>~~2024~~2025-~~0~~10~~6~~-~~18~~24</com:SchemaLastModifiedDate>
                     <com:SchemaContactPoint>standards@wipo.int</com:SchemaContactPoint>
                     <xsd:documentation>This XSD is defined in Annex I of WIPO Standard
                     ST.92 and provides the structure for the exchange of priority
                     documents. The changes made since version 1.0 include:
                     (a)Declared and imported the ST.96 flattened trademark and design
                     schemas
                     (b)Use of dgn:AllDesignsIndicator and dgn:DesignIdentifierBag elements
                     from the ST.96 Design namespace
                     (c)Renaming of IPTypeCategory to IPRightKindCategory and
                     IPTypeCategoryType to IPRightKindCategoryType. This component is
                     restricted to the values: Patent, Industrial design, and Trademark
                     (d)Introducing of the new categories:DesignMandatoryDocumentCategory,
                     TrademarkMandatoryDocumentCategory,
                     DesignSupplementaryDocumentCategory and
                     TrademarkSupplementaryDocumentCategory
                     (e)Replacement of pde:ApplicationNumber with both com:IPOfficeCode and
                     com:ApplicationNumber
                     (f)Replacement of the type pde:DocumentFormatCategoryType with the new
                     type pde:DocumentFileFormatCategoryType, which is defined as a union
                     of following types from WIPO Standard ST.96:
                     com:DocumentFormatCategoryType, com:ThreeDModelFormatCategoryType,
                     dgn:ViewFileFormatCategoryType,tmk:MarkMultimediaFileFormatCategoryTyp
```

```
                    e,tmk:SoundFileFormatCategoryType and pde:ArchiveFormatCategoryType to
                    cover all possible file format
                    (g) Addition of pde:ArchiveFormatCategoryType to cover 'ZIP' and 'TAR'
                    formats that are not included in ST.96</xsd:documentation>

                        <com:SchemaReleaseNoteURL>http://www.wipo.int/standards/XMLSche
                    ma/PDDP/V1_0/ReleaseNotes.pdf</com:SchemaReleaseNoteURL>

            </xsd:appinfo>
            </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="PriorityDocumentIndexType">
            <xsd:sequence>
                <xsd:element ref="pde:IPRightKindCategory IPTypeCategory"/>
                <xsd:element ref="com:IPOfficeCode"/>
                <xsd:element ref="pdecom:ApplicationNumber"/>
                <xsd:element ref="pde:ApplicationFilingDate"/>
                <xsd:choice minOccurs="0">
                    <xsd:element ref="dgn:AllDesignsIndicator"/>
                    <xsd:element ref="dgn:DesignIdentifierBag"/>
                </xsd:choice>
                <xsd:element ref="pde:PriorityDocumentBag"/>
                <xsd:element ref="pde:SupplementaryDocumentBag" minOccurs="0"/>
            </xsd:sequence>
            <xsd:attribute ref="com:id"/>
            <xsd:attribute ref="com:languageCode" use="required"/>
            <xsd:attribute ref="com:creationDate"/>
        </xsd:complexType>

        <xsd:element name="ApplicationNumber" type="pde:ApplicationNumberType">
        <xsd:annotation>
        <xsd:documentation>Numbers used by IPOs in order to identify each application
        received, where IP Office code is mandatory</xsd:documentation>
        </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="ApplicationNumberType">
            <xsd:sequence>
                <xsd:element ref="com:IPOfficeCode"/>
                <xsd:choice>
                    <xsd:element ref="com:ST13ApplicationNumber"/>
                    <xsd:element ref="com:ApplicationNumberText"/>
                </xsd:choice>
            </xsd:sequence>
        </xsd:complexType>
        <xsd:element name="PriorityDocumentBag" type="pde:PriorityDocumentBagType">
            <xsd:annotation>
                <xsd:documentation>A collection of mandatory priority document
artifacts</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="PriorityDocumentBagType">
            <xsd:sequence>
                <xsd:element ref="pde:PriorityDocument" maxOccurs="unbounded"/>
            </xsd:sequence>
            <xsd:attribute ref="com:id"/>
        </xsd:complexType>
        <xsd:complexType name="SupplementaryDocumentBagType">
            <xsd:sequence>
                <xsd:element ref="pde:SupplementaryDocument" maxOccurs="unbounded"/>
            </xsd:sequence>
            <xsd:attribute ref="com:id"/>
        </xsd:complexType>
        <xsd:element name="SupplementaryDocumentBag"
type="pde:SupplementaryDocumentBagType">
            <xsd:annotation>
```

```
                    <xsd:documentation>A collection of supplementary
artifacts</xsd:documentation>
                </xsd:annotation>
        </xsd:element>
        <xsd:element name="SupplementaryDocument" type="pde:SupplementaryDocumentType">
                <xsd:annotation>
                    <xsd:documentation>Supplementary artifactA list of priority
documentfiles that an IP Office optionally includes within the PDDP ZIP
file</xsd:documentation>
                </xsd:annotation>
        </xsd:element>
        <xsd:element name="PriorityDocument" type="pde:PriorityDocumentType">
                <xsd:annotation>
                    <xsd:documentation>PriorityMandatory priority document for
exchangefile indicated in WIPO Standard ST.92</xsd:documentation>
                </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="PriorityDocumentType">
                <xsd:sequence>
                    <xsd:element ref="com:DocumentName"/>
                    <xsd:element ref="com:FileName"/>
                    <xsd:element ref="com:DocumentLocationURI"/>
                    <xsd:element ref="pde:DocumentAsFiledIndicator" minOccurs="0"/>
                    <xsd:element ref="pde:DocumentFileFormatCategory" minOccurs="0"/>
                    <xsd:choice>
                        <xsd:element ref="pde:PatentMandatoryDocumentCategory"/>
                        <xsd:element ref="pde:DesignMandatoryDocumentCategory"/>
                        <xsd:element ref="pde:TrademarkMandatoryDocumentCategory"/>
                    </xsd:choice>
                    <xsd:element ref="com:DocumentDate" minOccurs="0"/>
                    <xsd:element ref="com:DocumentVersion" minOccurs="0"/>
                    <xsd:element ref="com:DocumentSizeQuantity" minOccurs="0"/>
                    <xsd:element ref="com:PageTotalQuantity" minOccurs="0"/>
                    <xsd:element ref="com:CommentText" minOccurs="0"/>
                </xsd:sequence>
                <xsd:attribute ref="com:id"/>
                <xsd:attribute ref="com:sequenceNumber"/>
                <xsd:attribute ref="com:languageCode"/>
        </xsd:complexType>
        <xsd:element name="DocumentAsFiledIndicator" type="xsd:boolean">
                <xsd:annotation>
                <xsd:documentation>Indicates whether the document contains the files
                originally submitted electronically by an applicant</xsd:documentation>
                </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="SupplementaryDocumentType">
                <xsd:sequence>
                    <xsd:element ref="com:DocumentName"/>
                    <xsd:choice>
                        <xsd:element ref="com:FileName"/>
                        <xsd:element ref="com:FileNameBag"/>
                    </xsd:choice>

                    <xsd:element ref="com:DocumentLocationURI"/>
                    <xsd:element ref="pde:DocumentAsFiledIndicator" minOccurs="0"/>
                    <xsd:element ref="pde:DocumentFileFormatCategory" minOccurs="0"/>
                    <xsd:choice>
                        <xsd:element ref="pde:PatentSupplementaryDocumentCategory"/>
                        <xsd:element ref="pde:DesignSupplementaryDocumentCategory"/>
                        <xsd:element ref="pde:TrademarkSupplementaryDocumentCategory"/>
                    </xsd:choice>
                    <xsd:element ref="com:DocumentDate" minOccurs="0"/>
                    <xsd:element ref="com:DocumentVersion" minOccurs="0"/>
                    <xsd:element ref="com:DocumentSizeQuantity" minOccurs="0"/>
                    <xsd:element ref="com:PageTotalQuantity" minOccurs="0"/>
                    <xsd:element ref="com:CommentText" minOccurs="0"/>
```

```
                </xsd:sequence>
                <xsd:attribute ref="com:id"/>
                <xsd:attribute ref="com:sequenceNumber"/>
                <xsd:attribute ref="com:languageCode"/>
        </xsd:complexType>
<xsd:element name="IPTypeCategoryIPRightKindCategory"
type="pde:IPTypeCategoryTypeIPRightKindCategoryType">
                <xsd:annotation>
                <xsd:documentation>DescribesThe category which indicates the filing
                typespecific industrial property right of application filed as one of three
                values: patent, trademark or industrial design</xsd:documentation>
                </xsd:annotation>
</xsd:element>
        <xsd:simpleType name="IPTypeCategoryTypeIPRightKindCategoryType">
                <xsd:restriction base="xsd:token">
                        <xsd:enumeration value="Patent">
                                <xsd:annotation>
                                <xsd:documentation>Patent includes such industrial property
                                rights as patents for inventions, plant patents, design
                                patents, inventor's certificates, utility certificates, utility
                                models, patents of addition, inventor's certificates of
                                addition and utility certificates of
                                addition.</xsd:documentation>
                                </xsd:annotation>
                                </xsd:enumeration>
                        <xsd:enumeration value="Industrial design">
                                <xsd:annotation>
                                <xsd:documentation>Industrial design includes two-dimensional
                                and three-dimensional features of shape and surface of objects,
                                and thus covers both concepts of "designs" and "models" where a
                                distinction is made between the former and the latter; the term
                                "industrial designs" does not include design
                                patents</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Trademark">
                                <xsd:annotation>
                                <xsd:documentation>Trademark includes trademark, service mark
                                or another type of distinguishing representation of mark
                                according to the definition of the mark in the legislation
                                concerned, including but not limited to collective marks,
                                certification marks or guarantee marks</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                </xsd:restriction>
        </xsd:simpleType>
        <xsd:element name="PatentMandatoryDocumentCategory"
type="pde:PatentMandatoryDocumentCategoryType">
                <xsd:annotation>
                        <xsd:documentation>A category ofCategory which identifies the required
                        patent priority document artifact</xsd:documentation>
                </xsd:annotation>
        </xsd:element>
        <xsd:simpleType name="PatentMandatoryDocumentCategoryType">
                <xsd:restriction base="xsd:token">
                        <xsd:enumeration value="Certification page">
                                <xsd:annotation>
                                        <xsd:documentation>The certification issued by the
                                        authority and shows the date of
                                        filing</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Priority document PDF">
                                <xsd:annotation>
                                        <xsd:documentation>Priority document
PDF</xsd:documentation>
```

```
                        </xsd:annotation>
                    </xsd:enumeration>
                    <xsd:enumeration value="Sequence listing">
                        <xsd:annotation>
                            <xsd:documentation>Sequence listing</xsd:documentation>
                        </xsd:annotation>
                    </xsd:enumeration>
                </xsd:restriction>
            </xsd:simpleType>
            <xsd:simpleType name="DesignMandatoryDocumentCategoryType">
            <xsd:restriction base="xsd:token">
                <xsd:enumeration value="Certification page">
                    <xsd:annotation>
                        <xsd:documentation>The certification issued by the
                        authority and shows the date of
                        filing</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="Priority document PDF">
                    <xsd:annotation>
                        <xsd:documentation>The PDF format file which contains
                        the contents of the priority
                        document</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="Industrial design representation">
                    <xsd:annotation>
                        <xsd:documentation>Representation of industrial design,
                        which can be produced in 2D images, 3D images or 3D
                        models, multimedia, or other formats accepted by the
                        Office. If these files are not part of the Priority
                        Document Data Package (PDDP) ZIP file, links to the
                        published files can be provided.</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
            </xsd:restriction>
        </xsd:simpleType>
        <xsd:element name="TrademarkMandatoryDocumentCategory"
type="pde:TrademarkMandatoryDocumentCategoryType">
            <xsd:annotation>
                <xsd:documentation>Category which identifies the required trademark
                priority document artifact</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:simpleType name="TrademarkMandatoryDocumentCategoryType">
            <xsd:restriction base="xsd:token">
                <xsd:enumeration value="Certification page">
                    <xsd:annotation>
                        <xsd:documentation>The certification issued by the
                        authority and shows the date of
                        filing</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="Priority document PDF">
                    <xsd:annotation>
                        <xsd:documentation>The PDF format file which contains
                        the contents of the priority
                        document</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="Trademark representation">
                    <xsd:annotation>
                        <xsd:documentation>Representation of trademark, which
                        can be produced in 2D images, 3D images or 3D models,
                        multimedia, or other formats accepted by the Office. If
                        these files are not part of the Priority Document Data
```

```
                                    Package (PDDP) ZIP file, links to the published files
                                    can be provided.</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                </xsd:restriction>
        </xsd:simpleType>

        <xsd:element name="PatentSupplementaryDocumentCategory"
type="pde:PatentSupplementaryDocumentCategoryType">
                <xsd:annotation>
                        <xsd:documentation>~~A category of~~Category which identifies the
                        ~~additional~~optional patent priority document artifact~~, such as the
                        application body of a patent application~~</xsd:documentation>
                </xsd:annotation>
        </xsd:element>
        <xsd:simpleType name="PatentSupplementaryDocumentCategoryType">
                <xsd:union memberTypes="xsd:token
pde:PatentSupplementaryDocumentCategoryBaseType"/>
        </xsd:simpleType>
        <xsd:simpleType name="PatentSupplementaryDocumentCategoryBaseType">
                <xsd:restriction base="xsd:token">
                        <xsd:enumeration value="Abstract">
                                <xsd:annotation>
                                        <xsd:documentation>Abstract</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Application body">
                                <xsd:annotation>
                                        <xsd:documentation>Application body</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Bibliographic data">
                                <xsd:annotation>
                                <xsd:documentation>Bibliographic data</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Description">
                <xsd:annotation>
                                <xsd:documentation>Description</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Claims">
                                <xsd:annotation>
                                        <xsd:documentation>Claims</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Drawings">
                                <xsd:annotation>
                                        <xsd:documentation>Drawings</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Classification data">
                                <xsd:annotation>
                                        <xsd:documentation>Classification
data</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Preconversion document">
                                <xsd:annotation>
                                        <xsd:documentation>Preconversion
document</xsd:documentation>
                                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="Sequence listing">
                                <xsd:annotation>
                                        <xsd:documentation>Sequence listing</xsd:documentation>
```

```
                        </xsd:annotation>
                    </xsd:enumeration>
                </xsd:restriction>
            </xsd:simpleType>

            <xsd:element name="DesignSupplementaryDocumentCategory"
type="pde:DesignSupplementaryDocumentCategoryType">
                <xsd:annotation>
                    <xsd:documentation>Category which identifies the optional industrial
design document artifact</xsd:documentation>
                </xsd:annotation>
            </xsd:element>
            <xsd:simpleType name="DesignSupplementaryDocumentCategoryType">
                <xsd:union memberTypes="xsd:token
pde:DesignSupplementaryDocumentCategoryBaseType"/>
            </xsd:simpleType>
            <xsd:simpleType name="DesignSupplementaryDocumentCategoryBaseType">
                <xsd:restriction base="xsd:token">
                    <xsd:enumeration value="Bibliographic data">
                        <xsd:annotation>
                            <xsd:documentation>Bibliographic
data</xsd:documentation>
                        </xsd:annotation>
                    </xsd:enumeration>
                    <xsd:enumeration value="Registration certificate">
                        <xsd:annotation>
                            <xsd:documentation>Copy of registered design or design
registration certificate</xsd:documentation>
                        </xsd:annotation>
                    </xsd:enumeration>
                    <xsd:enumeration value="Industrial design representation">
                        <xsd:annotation>
                            <xsd:documentation>Representation of industrial design,
which can be produced in 2D images, 3D images or 3D models, multimedia, or other formats
accepted by the Office. If these files are not part of the Priority Document Data Package
(PDDP) ZIP file, links to the published files can be provided.</xsd:documentation>
                        </xsd:annotation>
                    </xsd:enumeration>
                    <xsd:enumeration value="Classification data">
                        <xsd:annotation>
                            <xsd:documentation>Locarno classification data which the
industrial design has been registered in</xsd:documentation>
                        </xsd:annotation>
                    </xsd:enumeration>
                    <xsd:enumeration value="Intermediate documents">
                        <xsd:annotation>
                            <xsd:documentation>Other important documents relating to
the industrial design priority document including amendments or notification of change of
applicant name</xsd:documentation>
                        </xsd:annotation>
                    </xsd:enumeration>
                </xsd:restriction>
            </xsd:simpleType>
            <xsd:element name="TrademarkSupplementaryDocumentCategory"
type="pde:TrademarkSupplementaryDocumentCategoryType">
                <xsd:annotation>
                    <xsd:documentation>Category which identifies the optional trademark
document artifact</xsd:documentation>
                </xsd:annotation>
            </xsd:element>
            <xsd:simpleType name="TrademarkSupplementaryDocumentCategoryType">
<xsd:union memberTypes="xsd:token pde:TrademarkSupplementaryDocumentCategoryBaseType"/>
            </xsd:simpleType>
            <xsd:simpleType name="TrademarkSupplementaryDocumentCategoryBaseType">
                <xsd:restriction base="xsd:token">
                <xsd:enumeration value="Bibliographic data">
```

```
                <xsd:annotation>
                <xsd:documentation>Bibliographic data including the applicant or owner of the
trademark</xsd:documentation>
                </xsd:annotation>
        </xsd:enumeration>
        <xsd:enumeration value="Registration certificate">
                <xsd:annotation>
                <xsd:documentation>Copy of registered trademark or trademark registration
certificate</xsd:documentation>
                </xsd:annotation>
        </xsd:enumeration>
                <xsd:enumeration value="Mark representation">
                <xsd:annotation>
                <xsd:documentation>Representation of trademark, which can be produced in 2D
images, 3D images or 3D models, multimedia, or other formats accepted by the Office.
If these files are not part of the Priority Document Data Package (PDDP) ZIP file, links to
the published files can be provided.</xsd:documentation>
                </xsd:annotation>
        </xsd:enumeration>
        <xsd:enumeration value="Classification data">
                <xsd:annotation>
                <xsd:documentation>Classification data</xsd:documentation>
                </xsd:annotation>
        </xsd:enumeration>
        <xsd:enumeration value="Intermediate documents">
                <xsd:annotation>
                <xsd:documentation>Other documents relating to the trademark priority
document including amendments or notification of change of applicant
name</xsd:documentation>
                </xsd:annotation>
        </xsd:enumeration>
                </xsd:restriction>
        </xsd:simpleType>
        <xsd:element name="ApplicationFilingDate" type="com:DateType">
                <xsd:annotation>
                        <xsd:documentation>The filing date of the
                application</xsd:documentation>
                </xsd:annotation>
</xsd:element>
<xsd:element name="DocumentFileFormatCategory" type="pde:DocumentFileFormatCategoryType">
<xsd:annotation>
<xsd:documentation>Category which identifies the file format of document or data element
which is part of the document, e. g. HTML, PDF,JPEG, TIFF, MP4, WAV, OBJ, ZIPCategory of
the document file format, e. g. HTML, PDF</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:simpleType name="DocumentFileFormatCategoryType">
        <xsd:union memberTypes="com:DocumentFormatCategoryType
        com:ThreeDModelFormatCategoryType dgn:ViewFileFormatCategoryType
        tmk:MarkMultimediaFileFormatCategoryType tmk:SoundFileFormatCategoryType
        pde:ArchiveFormatCategoryType"/>
</xsd:simpleType>
<xsd:simpleType name="ArchiveFormatCategoryType">
                <xsd:restriction base="xsd:token">
                        <xsd:enumeration value="ZIP">
                                <xsd:annotation>
                                <xsd:documentation>ZIP file format for compressing and bundling
files (.zip)</xsd:documentation>
                </xsd:annotation>
                        </xsd:enumeration>
                        <xsd:enumeration value="TAR">
                                <xsd:annotation>
                                <xsd:documentation>Tape archive file format
                                (.tar)</xsd:documentation>
                        </xsd:annotation>
                </xsd:enumeration>
```

```
            </xsd:restriction>
        </xsd:simpleType>
<xsd:restriction base="xsd:token">
<xsd:enumeration value="MS Word">
<xsd:annotation>
<xsd:documentation>MS Word</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="MS Excel">
<xsd:annotation>
<xsd:documentation>MS Excel</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="XML">
<xsd:annotation>
<xsd:documentation>XML</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="Text">
<xsd:annotation>
<xsd:documentation>Text</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="EPS">
<xsd:annotation>
<xsd:documentation>EPS</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="PDF">
<xsd:annotation>
<xsd:documentation>PDF</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="JPEG">
<xsd:annotation>
<xsd:documentation>JPEG</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="PNG">
<xsd:annotation>
<xsd:documentation>PNG</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="TIFF">
<xsd:annotation>
<xsd:documentation>TIFF</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="SVG">
<xsd:annotation>
<xsd:documentation>Scalable vector graphics image</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="HTML">
<xsd:annotation>
<xsd:documentation>HTML</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="CDX">
<xsd:annotation>
<xsd:documentation>CambridgeSoft proprietary ChemDraw file format</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="MOL">
<xsd:annotation>
```

```
<xsd:documentation>File format for holding information about the atoms, bonds, connectivity
and coordinates of a molecule</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="NB">
<xsd:annotation>
<xsd:documentation>File format for mathematica notebooks</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="ZIP">
<xsd:annotation>
<xsd:documentation>ZIP</xsd:documentation>
</xsd:annotation>
</xsd:enumeration>
</xsd:restriction>
</xsd:simpleType>
</xsd:schema>
```

[Appendix A to Annex I follows]

APPENDIX A TO ANNEX I

EXAMPLE XML INSTANCE FOR PATENT PDDP INDEX FILE

This Appendix is a fictitious sample XML instance of a Patent Priority Document Data Package (PDDP) Index file structured according to the XML schema of Annex I. The example XML instance for the PDDP Index file, is also available at:
https://www.wipo.int/standards/en/st92/st92-annex-i-appendix-a-v2-0.xml
~~https://www.wipo.int/standards/en/xml_material/st92/st92-annex-i-appendix-v1-0.xml~~

```
<?xml version="1.0" encoding="UTF-8"?>
<pde:PriorityDocumentIndex xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:pde="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange"
xmlns:dgn="http://www.wipo.int/standards/XMLSchema/ST96/Design"
xmlns:tmk="http://www.wipo.int/standards/XMLSchema/ST96/Trademark"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common" com:languageCode="en"
xsi:schemaLocation="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange
PriorityDocumentIndex_V1V2_0.xsd">
        <pde:IP~~Type~~RightKindCategory>Patent</pde:IPRightKind~~Type~~Category>
        <~~pde~~com:ApplicationNumber>
                <com:IPOfficeCode>US</com:IPOfficeCode>
                <com:ApplicationNumberText>59111111</com:ApplicationNumberText>
        </~~pde~~com:ApplicationNumber>
        <pde:ApplicationFilingDate>2022-07-19</pde:ApplicationFilingDate>
        <pde:PriorityDocumentBag>
                <pde:PriorityDocument>
                        <com:DocumentName>Priority Document PDF</com:DocumentName>

        <com:FileName>US_59111111_20220719_PriorityDocument_000497.pdf</com:FileName>
                        <com:DocumentLocationURI>MandatoryArtifacts/</com:DocumentLocationURI>
                        <pde:DocumentAsFiledIndicator>true</pde:DocumentAsFiledIndicator>
                        <pde:DocumentFileFormatCategory>PDF</pde:DocumentFileFormatCategory>
                        <pde:PatentMandatoryDocumentCategory>Priority document
                        PDF</pde:PatentMandatoryDocumentCategory>
                        <com:DocumentDate>2024-06-20</com:DocumentDate>
                        <com:PageTotalQuantity>6</com:PageTotalQuantity>
                </pde:PriorityDocument>
                <pde:PriorityDocument>
                        <com:DocumentName>Sequence Listing</com:DocumentName>

        <com:FileName>US_59111111_20220719_SequenceListing_ST26.xml</com:FileName>
                        <com:DocumentLocationURI>MandatoryArtifacts/</com:DocumentLocationURI>
                        <pde:DocumentAsFiledIndicator>true</pde:DocumentAsFiledIndicator>
                        <pde:DocumentFileFormatCategory>XML</pde:DocumentFileFormatCategory>
                        <pde:PatentMandatoryDocumentCategory>Sequence
                        listing</pde:PatentMandatoryDocumentCategory>
                        <com:DocumentDate>2022-07-19</com:DocumentDate>
                </pde:PriorityDocument>
        </pde:PriorityDocumentBag>
        <pde:SupplementaryDocumentBag>
                <pde:SupplementaryDocument>
                        <com:DocumentName>ApplicationBody</com:DocumentName>
                        <com:FileName>US_59111111_20220719_ApplicationBody.xml</com:FileName>

        <com:DocumentLocationURI>SupplementaryArtifacts/</com:DocumentLocationURI>
                        <pde:DocumentFileFormatCategory>XML</pde:DocumentFileFormatCategory>
                        <pde:PatentSupplementaryDocumentCategory>Application
body</pde:PatentSupplementaryDocumentCategory>
                </pde:SupplementaryDocument>
                <pde:SupplementaryDocument>
                        <com:DocumentName>Abstract</com:DocumentName>
                        <com:FileName>US_59111111_20220719_Abstract.xml</com:FileName>
```

```
        <com:DocumentLocationURI>SupplementaryArtifacts/</com:DocumentLocationURI>
                        <pde:DocumentFileFormatCategory>XML</pde:DocumentFileFormatCategory>

        <pde:PatentSupplementaryDocumentCategory>Abstract</pde:PatentSupplementaryDocumentCa
tegory>
                </pde:SupplementaryDocument>
                <pde:SupplementaryDocument>
                        <com:DocumentName>Description</com:DocumentName>
                        <com:FileNameBag>

        <com:FileName>US_59111111_20220719_Description.xml</com:FileName>

        <com:FileName>US_59111111_20220719_Description_00001.tif</com:FileName>

        <com:FileName>US_59111111_20220719_Description_00002.tif</com:FileName>
                        </com:FileNameBag>
        <com:DocumentLocationURI>SupplementaryArtifacts/US_59111111_20220719_Description/</c
om:DocumentLocationURI>
                        <pde:DocumentFileFormatCategory>XML</pde:DocumentFileFormatCategory>

        <pde:PatentSupplementaryDocumentCategory>Description</pde:PatentSupplementaryDocumen
tCategory>
                </pde:SupplementaryDocument>
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                </pde:SupplementaryDocument>
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gory>
                </pde:SupplementaryDocument>
                <pde:SupplementaryDocument>
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data</pde:PatentSupplementaryDocumentCategory>
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data</pde:PatentSupplementaryDocumentCategory>
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WordDOCX</pde:DocumentFileFormatCategory>

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gory>
                </pde:SupplementaryDocument>
                <pde:SupplementaryDocument>
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                        <com:FileName>US_59111111_20220719_Description.docx</com:FileName>

        <com:DocumentLocationURI>SupplementaryArtifacts/</com:DocumentLocationURI>
                        <pde:DocumentFileFormatCategory>MS
WordDOCX</pde:DocumentFileFormatCategory>
        <pde:PatentSupplementaryDocumentCategory>Description</pde:PatentSupplementaryDocumen
tCategory>
                </pde:SupplementaryDocument>
        </pde:SupplementaryDocumentBag>
</pde:PriorityDocumentIndex>
```

[Appendix B to Annex I follows]

APPENDIX B TO ANNEX I

EXAMPLE XML INSTANCE FOR INDUSTRIAL DESIGN PDDP INDEX FILE

This Appendix is a fictitious sample XML instance of an Industrial Design Priority Document Data Package (PDDP) Index file structured according to the XML schema of Annex I. The example XML instance for the PDDP Index file, is also available at: https://www.wipo.int/standards/en/st92/st92-annex-i-appendix-b-v2-0.xml

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<?xml version="1.0" encoding="UTF-8"?>
<pde:PriorityDocumentIndex xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:pde="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange"
xmlns:dgn="http://www.wipo.int/standards/XMLSchema/ST96/Design"
xmlns:tmk="http://www.wipo.int/standards/XMLSchema/ST96/Trademark"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common" com:languageCode="en"
xsi:schemaLocation="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange
PriorityDocumentIndex_V2_0.xsd">
        <pde:IPRightKindCategory>Industrial design</pde:IPRightKindCategory>
        <com:IPOfficeCode>EM</com:IPOfficeCode>
        <com:ApplicationNumber>
                <com:ApplicationNumberText>015198753</com:ApplicationNumberText>
        </com:ApplicationNumber>
        <pde:ApplicationFilingDate>2025-01-01</pde:ApplicationFilingDate>
        <dgn:DesignIdentifierBag>
                <dgn:DesignIdentifier>0001</dgn:DesignIdentifier>
        </dgn:DesignIdentifierBag>
        <pde:PriorityDocumentBag>
                <pde:PriorityDocument>
                        <com:DocumentName>Priority Document PDF</com:DocumentName>
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0001_20250101_PriorityDocument.pdf</com:FileName>
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0001_20250101_PriorityDocument.pdf</com:DocumentLocationURI>
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                        <pde:DocumentFileFormatCategory>PDF</pde:DocumentFileFormatCategory>
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PDF</pde:DesignMandatoryDocumentCategory>
                        <com:DocumentDate>2025-01-22</com:DocumentDate>
                        <com:PageTotalQuantity>5</com:PageTotalQuantity>
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application form without certification page and without embedded 3D object
</com:CommentText>
                </pde:PriorityDocument>
                <pde:PriorityDocument>
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0001_20250101_CertificationPage.pdf</com:DocumentLocationURI>
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page</pde:DesignMandatoryDocumentCategory>
                        <com:DocumentDate>22025-01-22</com:DocumentDate>
                        <com:PageTotalQuantity>1</com:PageTotalQuantity>
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page</com:CommentText>
                </pde:PriorityDocument>
                <pde:PriorityDocument>
                        <com:DocumentName>Design representation</com:DocumentName>
                        <com:FileName>EM700000015198753-
0001_20250101_DesignRepresentation.stl</com:FileName>
```

```
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0001_20250101_DesignRepresentation.stl</com:DocumentLocationURI>
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                        <pde:DocumentFileFormatCategory>STL</pde:DocumentFileFormatCategory>
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        <pde:SupplementaryDocumentBag>
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the registration certificate as supplementary file</com:CommentText>
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view)</com:DocumentName>
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representation</pde:DesignSupplementaryDocumentCategory>
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                        <com:DocumentVersion>v1.0</com:DocumentVersion>
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                <pde:SupplementaryDocument>
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representation</pde:DesignSupplementaryDocumentCategory>
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                    <com:PageTotalQuantity>1</com:PageTotalQuantity>
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documents as supplementary file</com:CommentText>
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            </pde:SupplementaryDocumentBag>
</pde:PriorityDocumentIndex>
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[Appendix C to Annex I follows]

APPENDIX C TO ANNEX I

EXAMPLE XML INSTANCE FOR TRADEMARK PDDP INDEX FILE

This Appendix is a fictitious sample XML instance of a Trademark Priority Document Data Package (PDDP) Index file structured according to the XML schema of Annex I. The example XML instance for the PDDP Index file, is also available at: https://www.wipo.int/standards/en/st92/st92-annex-i-appendix-c-v2-0.xml

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xmlns:dgn="http://www.wipo.int/standards/XMLSchema/ST96/Design"
xmlns:tmk="http://www.wipo.int/standards/XMLSchema/ST96/Trademark"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common" com:languageCode="en"
xsi:schemaLocation="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange
PriorityDocumentIndex_V2_0.xsd">
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       </com:ApplicationNumber>
       <pde:ApplicationFilingDate>2025-01-01</pde:ApplicationFilingDate>
       <pde:PriorityDocumentBag>
              <pde:PriorityDocument>
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PDF</pde:TrademarkMandatoryDocumentCategory>
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file</com:CommentText>
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              <pde:PriorityDocument>
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page</pde:TrademarkMandatoryDocumentCategory>
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                     <com:PageTotalQuantity>1</com:PageTotalQuantity>
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of the priority document</com:CommentText>
              </pde:PriorityDocument>
              <pde:PriorityDocument>
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                     <com:FileName>EM5000000018975509_20250101.mp3</com:FileName>

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```

```
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representation</pde:TrademarkMandatoryDocumentCategory>
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trademark sound representation (MP3)</com:CommentText>
                </pde:PriorityDocument>
        </pde:PriorityDocumentBag>
        <pde:SupplementaryDocumentBag>
                <pde:SupplementaryDocument>
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data</pde:TrademarkSupplementaryDocumentCategory>
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                        <com:PageTotalQuantity>1</com:PageTotalQuantity>
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data as supplementary file</com:CommentText>
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                <pde:SupplementaryDocument>
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certificate</pde:TrademarkSupplementaryDocumentCategory>
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                        <com:DocumentVersion>v1.0</com:DocumentVersion>
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com:unitCode="MB">1</com:DocumentSizeQuantity>
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the registration certificate as supplementary file</com:CommentText>
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representation</pde:TrademarkSupplementaryDocumentCategory>
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unprotected, as supplementary binary JPEG file</com:CommentText>
                </pde:SupplementaryDocument>
                <pde:SupplementaryDocument>
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data</pde:TrademarkSupplementaryDocumentCategory>
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com:unitCode="MB">1</com:DocumentSizeQuantity>
                  <com:PageTotalQuantity>1</com:PageTotalQuantity>
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as supplementary file</com:CommentText>
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            <pde:SupplementaryDocument>
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cuments.pdf</com:DocumentLocationURI>
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documents</pde:TrademarkSupplementaryDocumentCategory>
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                  <com:PageTotalQuantity>1</com:PageTotalQuantity>
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documents as supplementary file</com:CommentText>
            </pde:SupplementaryDocument>
      </pde:SupplementaryDocumentBag>
</pde:PriorityDocumentIndex>
```

[Annex II of follows]

ANNEX II

PRIORITY DOCUMENT DATA PACKAGE STRUCTURE EXAMPLES

Version ~~1~~2.0

*~~Adopted~~ Revision approved by the Committee on WIPO Standards (CWS)
at its ~~twelfth~~ thirteenth session on ~~September~~ November 14~~9~~, 2025~~4~~*

Annex II provides fictitious examples of the contents of ~~Patent~~ Priority Document Data Package (PDDP) in table and tree structure formats.

[Appendix A to Annex II of follows]

APPENDIX A TO ANNEX II

PDDP Example for Patent

TABLE FORMAT

Provided below is a fictitious example of a PDDP ZIP file, in table format, for `Patent_US_59111111_20220719.zip`, which describes the package structure including the files and folders which are included within the ZIP file.

File/Folder Name	File Name	Comment:
PriorityDocumentIndex.xml		PDDP Index file
/MandatoryArtifacts	US_59111111_20220719_PriorityDocument_000497.pdf	Priority Document PDF (includes the certification page, and will typically include the description, claims, abstract and drawings of the application)
	US_59111111_20220719_SequenceListing_ST26.xml or US_59111111_20220719_SequenceListing_ST26.zip	Sequence listing compliant with WIPO ST.26 (see PDDP Index File section of this standard)
/SupplementaryArtifacts	US_59111111_20220719_ApplicationBody.xml	Application body and other related artifacts including the drawings referenced by the specification, bibliographic and classification data
	US_59111111_20220719_Abstract.xml	
	US_59111111_20220719_Claims.xml	
	US_59111111_20220719_BibliographicData.xml	
	US_59111111_20220719_ClassificationData.xml	
	US_59111111_20220719_Drawings_0001.tif	Drawing sheet
	US_59111111_20220719_Drawings_0002.tif	Drawing sheet
	US_59111111_20220719_Claims.docx	Claims in DOCX format
	US_59111111_20220719_Description.docx	Description in DOCX format
/SupplementaryArtifacts/US_59111111_20220719_Description	~~/US_59111111_20220719_Description~~	Subfolder
	US_59111111_20220719_Description.xml	Description document
	US_59111111_20220719_Description_0001.tif	Images referenced by the XML documents (e.g., chemical formula, mathematical formula, figures, tables, etc.) in this case the Description XML
	US_59111111_20220719_Description_0002.tif	Images referenced by the XML documents (e.g., chemical formula, mathematical formula, figures, tables, etc.) in this case the Description XML

Tree structure format

The following tree structure is an alternative representation of the PDDP ZIP file presented in the Table shown above in Annex II.

```
|-Patent_US_59111111_20220719.zip
|   PriorityDocumentIndex.xml                                  //sample index XML file
|---MandatoryArtifacts
|     |
|     |    US_59111111_20220719_PriorityDocument_000497.pdf    //main priority document in PDF format
|     |    US_59111111_20220719_SequenceListing_ST26.xml       //sample WIPO ST. 26 sequence listing
|     |    or
|     |    US_59111111_20220719_SequenceListing_ST26.zip       //sample WIPO ST. 26 sequence listing
└---SupplementaryArtifacts
      |
      |    US_59111111_20220719_ApplicationBody.xml            //sample application body in XML
      |    US_59111111_20220719_Abstract.xml                   //sample abstract in XML
      |    US_59111111_20220719_Claims.xml                     //sample claims in XML
      |    US_59111111_20220719_BibliographicData.xml          //sample bibliographic data in XML
      |    US_59111111_20220719_ClassificationData.xml         //sample classification data in XML
      |    US_59111111_20220719_Claims.docx                    //sample claims in DOCX
      |    US_59111111_20220719_Description.docx               //sample description in DOCX
      |    US_59111111_20220719_Drawings_0001.tif              //sample drawing sheet
      |    US_59111111_20220719_Drawings_0002.tif              //sample drawing sheet
      └----US_59111111_20220719_Description
           |    US_59111111_20220719_Description.xml           //sample description in XML
           |    US_59111111_20220719_Description_00001.tif     //sample image in TIFF referenced by Description XML Document
           └----US_59111111_20220719_Description_00002.tif     //sample image in TIFF referenced by Description XML Document
```

[Appendix B to Annex II follows]

APPENDIX B TO ANNEX II

PDDP Example for Industrial Design

TABLE FORMAT

Provided below is an example of a PDDP ZIP file, in table format, for `Design_EM_015065203-0001_20250101.zip`, which describes the package structure including the files and folders which are included within the ZIP file.

File/Folder Name	File Name	Comment
`PriorityDocumentIndex.xml`		PDDP Index file • If all designs are included, the element `pde:AllDesignsIndicator` will be present. In this example, only a single design is included, so the `pde:AllDesignsIndicator` will be omitted. • If some designs are included, the element `pde:DesignIdentifierBag` will be populated. • European Union Intellectual Property practice is to append design identifier number to the application number when only a single design is included
`/MandatoryArtifacts`	`EM_015065203-0001_20250101_CertificationPage.pdf`	Certification page (alternatively, it may be provided within the Priority Document PDF) should include at a minimum: • Country code • Application number • Filing date • Date of certification of priority document • Certifying official
	`EM_015065203-0001_20250101_PriorityDocument.pdf`	Copy of application (for one, some, or all designs) may include the following key pieces of information: • Applicant/Owner • Product(s) • Total number of designs • Design identifier number(s) of the individual designs • Representations • Additional application bibliographic data • For one design, then specify the identifier number of the design included in the priority document
	`EM_015065203-0001_20250101_Representation.<file extension>`	Representation files which cannot be represented in PDF, such as 3D. Where these files are required for filing, they should be provided as part of the priority document data package. When providing this item, it is recommended to also include 2D representations in the PriorityDocument.pdf where possible.
`/SupplementaryArtifacts`		Legal status
		Copy of registered design (registration certificate)
		Intermediate documents • Amendments • Notification of change of applicant name, etc.
		Individual design representation (2D or 3D) or links to representations may be provided

		Media file

[Appendix C to Annex II follows]

APPENDIX C TO ANNEX II

PDDP Example for Trademark

TABLE FORMAT

Provided below is an example of a PDDP ZIP file, in table format, for `Trademark_EM_018975509_20221201.zip`, which describes the package structure including the files and folders which are included within the ZIP file.

File/Folder Name	File Name	Comment:
`PriorityDocumentIndex.xml`		PDDP Index file
`/MandatoryArtifacts`	`EM_018975509_20221201_CertificationPage.pdf`	Certification page (alternatively, it may be provided within the Priority Document PDF) should include at a minimum: • Country code • Application/Serial number • Filing date • Date of certification of priority document • Certifying official
	`EM_018975509_20221201_PriorityDocument.pdf`	Copy of Application, may include the following key pieces of information: • Applicant/Owner • Registration/Issue number • Registration date • Type of Trademark (e.g., Word Mark, Sound Mark, etc.) • Nice Classification • Goods & Services • Filing Basis • Trademark Representation (2D) • Links to Media files (3D files, MP3/MP4 files)
	`EM_018975509_20221201_Representation.<file extension>`	Representation files which cannot be represented in PDF, such as 3D, MP3/MP4 format for sound mark or MPEG/AVI video file format for multimedia mark. Where these files are required for filing, they should be provided as part of the priority document data package.
`/SupplementaryArtifacts`		Intermediate documents (e.g., Notice of change of applicant name, written amendments)
		Media files or links to these files can be provided

[Annex III follows]

ANNEX III

EXAMPLE OF HASHING OF PRIORITY DOCUMENT DATA PACKAGE SENT DIRECTLY TO APPLICANTS

Version ~~1~~2.0

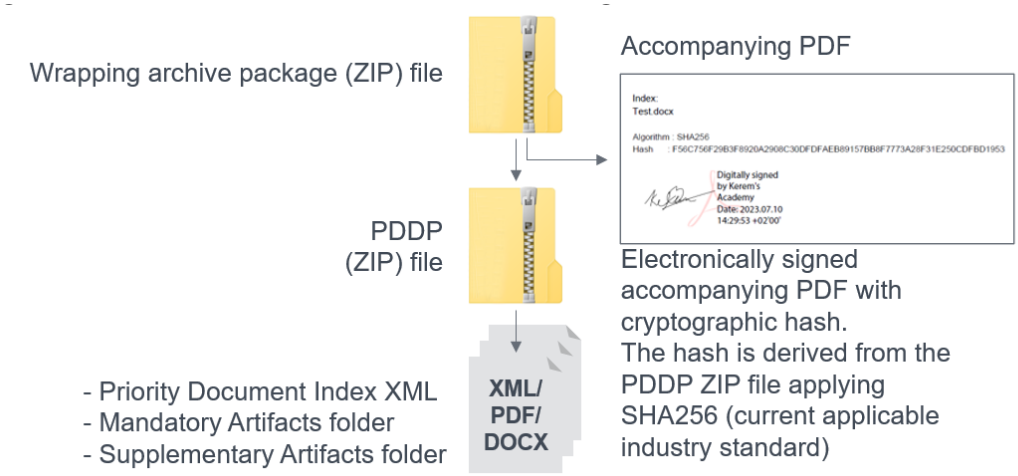
~~Adopted~~ Revision approved by the Committee on WIPO Standards (CWS)
at its ~~twelfth~~ thirteenth session on ~~September~~ November 14~~9~~, 2025~~4~~

1. Annex III outlines one example of hashing of the Priority Document Data Package (PDDP) ZIP file when a providing Office sends the PDDP ZIP file directly to an applicant. This example is non-limiting and provided as one option.

2. It is essential, for both applicants and Offices to ensure that the priority documents transmitted by the providing Office are identical to the documents received by the recipient Office.

3. To ensure the integrity and non-repudiation of the PDDP ZIP file, an accompanying PDF file is created by the providing Office. The accompanying PDF file contains a cryptographic hash of the PDDP ZIP file together with an indication of the algorithm used. In addition, this PDF is electronically signed by the providing Office thereby certifying the integrity of the PDDP ZIP file's content and structure. This enables the receiving Office to check the integrity of the PDDP ZIP file after receipt from the applicant and at any later date. It is the most recommended way to verify the hash value by the recipient Office to prove that the package generated by the providing Office is the authentic and untampered version and to ensure there was no data loss. The cryptographic hash should be generated using a cryptographic hash function which is a widely adopted, de facto industry standard hash algorithm. At present this is SHA-256.

4. To ensure the sending of one single file to the applicant the providing Office creates a wrapping archive package ZIP file that includes the PDDP ZIP file together with the afore described accompanying PDF.



[End of Annex III and of Standard]